



2000 Toxics Release Inventory

RHODE ISLAND

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	921,198	72,991	994,189
Air Emissions	919,955	72,860	992,815
Surface Water Discharges	1,218	131	1,348
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	18	0	18
Other On-site Land Releases	8	0	8
Off-site Releases (Transfers Off-site to Disposal)*	277,534	3,827	281,361
Total On- and Off-site Releases	1,198,732	76,818	1,275,550
Recycled On-site	7,042,362	120,974	7,163,336
Recycled Off-site	13,715,819	3	13,715,822
Energy Recovery On-site	212,367	0	212,367
Energy Recovery Off-site	873,072	7	873,079
Treated On-site	5,113,110	0	5,113,110
Treated Off-site**	600,057	733,769	1,333,826
Quantity Released On- and Off-site***	1,591,180	77,793	1,668,973
Total Production-related Waste Managed	29,147,967	932,546	30,080,513
Non-production-related Waste Managed	79	0	79

Transfers Off-site for Further Waste Management/Disposal

Recycling	13,557,662	13,068	13,570,730
Energy Recovery	985,419	7	985,426
Treatment	218,438	953,435	1,171,873
Publicly Owned Treatment Works (POTWs)	461,415	0	461,415
Metals and Metal Compounds*	4,837	0	4,837
Non-metal TRI Chemicals**	456,578	0	456,578
Other Off-site Transfers****	9,906	0	9,906
Transfers Off-site to Disposal (not including metals to POTWs)	275,282	3,827	279,109
Total Transfers Off-site for Further Waste Management/Disposal	15,508,122	970,337	16,478,459

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

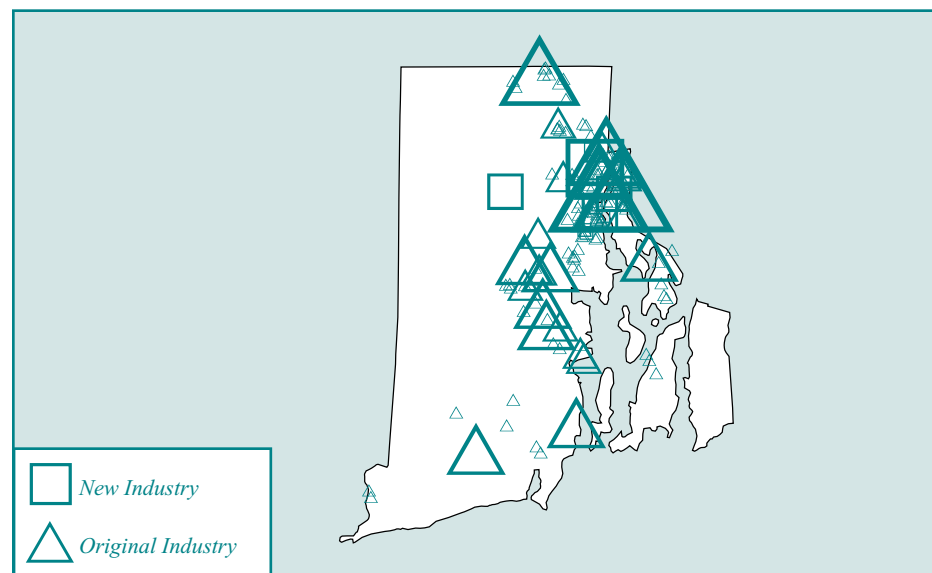
State Contact

Karen Slattery
235 Promenade Street, Suite 230
Providence, RI 02908
(401) 222-2808, ext. 7030
Fax: (401) 222-2017
kslatter@dem.state.ri.us

EPA Contact

Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Suite 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Rhode Island. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	1,050,236
Square Miles	1,045
Total Facilities	148
Total Forms	424
Form As	60

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	48	51	49
Pounds	1,198,732	76,818	1,275,550
National Rank for Total On-site Releases**			
Rank	48	51	50
Pounds	921,198	72,991	994,189
National Rank for Total Releases within State***			
Rank	48	51	49
Pounds	1,136,961	74,056	1,211,016
National Rank for Production-related Waste Managed			
Rank	45	48	48
Pounds	29,147,967	932,546	30,080,513

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
78-93-3	Methyl ethyl ketone	246,151	0	0	0	6,255	252,406	798	0	6,255
108-88-3	Toluene	176,950	3	0	0	5,953	182,906	2,748	0	5,953
7664-41-7	Ammonia	100,434	50	0	0	0	100,484	2	0	0
—	Glycol ethers	89,263	0	0	0	0	89,263	2,931	0	0
100-42-5	Styrene	86,419	0	0	0	0	86,419	1,946	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	14,531.52	7.72	0.00	7.87	367.96	14,915.07	16.20	356.39	11.57
191-24-2	Benzo(g,h,i)perylene	36.96	0.00	0.00	0.00	48.00	84.96	0.00	47.92	0.08
7439-97-6	Mercury	0.10	0.00	0.00	0.00	3.43	3.53	0.00	2.59	0.84
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	1.79	1.79	0.00	0.66	1.13
—	Dioxin and dioxin-like compounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>0.008</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.002</i>	<i>0.011</i>	<i>0.690</i>	<i>0.002</i>	<i>0.000</i>
—	Mercury compounds	0.00	0.00	0.00	0.00	0.00	0.00	45.77	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



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RHODE ISLAND

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Fibermark DSI, Johnston, Providence	134,745	0	0	0	0	0	134,745	0	0
Facile Inc., Rumford, Providence	119,474	0	0	0	0	0	119,474	0	0
Tech. Inds. Inc., Woonsocket, Providence	62,512	0	0	0	0	0	62,512	0	0
Osram Sylvania Prods. Inc., Central Falls, Providence	58,855	0	0	0	0	0	58,855	0	0
TPI Composites Inc., Warren, Bristol	42,857	0	0	0	0	0	42,857	0	0
Arkwright Inc., Fiskeville, Kent	41,823	0	0	0	0	0	41,823	0	0
Dewal Ind. Inc., Narragansett, Washington	37,370	0	0	0	0	0	37,370	0	5,100
Amtrol Inc., West Warwick, Kent	34,319	0	0	0	0	0	34,319	0	0
Albin Mfg. Inc., Portsmouth, Newport	31,529	0	0	0	0	0	31,529	0	0
Cooley Inc., Pawtucket, Providence	31,453	0	0	0	0	0	31,453	0	12,710

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Clariant Corp., Coventry, Kent	13,293.00	0.00	0.00	0.00	0.00	0.00	13,293.00	2.85	1.27
Tech. Inds. Inc., Woonsocket, Providence	654.00	0.00	0.00	0.00	0.00	0.00	654.00	0.00	0.00
Morgan AM&T (Carbon Tech. Inc.), Exeter, Washington	308.44	0.00	0.00	0.00	0.00	0.00	308.44	401.21	0.00
Raytheon Co. Submarine Signal Div., Portsmouth, Newport	306.00	0.00	0.00	0.00	0.00	0.00	306.00	0.00	0.00
Sprague Providence RI, Providence, Providence	6.76	7.72	0.00	0.00	0.00	0.00	14.47	0.00	0.00
Elizabeth Webbing Mills Co., Central Falls, Providence	0.00	0.00	0.00	0.00	0.00	7.87	7.87	0.00	7.95
Leviton Mfg. Co. Inc., Warwick, Kent	0.11	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
Teknor Apex Co., Pawtucket, Providence	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
ExxonMobil Oil Corp. East Providence Terminal, East Providence, Providence	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
Lenox Inc. (dba Gorham), Smithfield, Providence	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Rhodes Techs., Coventry, Kent	0	0	0	335,843	0	7,533	360,269	703,645	0
Fibermark DSI, Johnston, Providence	0	0	0	3,292	0	1,109	134,745	139,146	0
Facile Inc., Rumford, Providence	0	0	0	0	0	9,972	119,474	129,446	0
Tech. Inds. Inc., Woonsocket, Providence	0	0	0	0	0	0	62,512	62,512	0
Osram Sylvania Prods. Inc., Central Falls, Providence	0	0	0	0	761,600	8,900	58,900	829,400	0
Stanley Fastening Sys., North Kingstown, Washington	0	0	0	0	29,635	29,145	43,495	102,275	0
Dewal Ind. Inc., Narragansett, Washington	0	0	0	0	34,100	0	43,000	77,100	0
TPI Composites Inc., Warren, Bristol	0	0	0	0	0	0	42,857	42,857	0
Arkwright Inc., Fiskeville, Kent	0	0	0	207,260	1,159,142	5,860	41,730	1,413,992	0
Advanced Chemical Co., Warwick, Kent	0	0	0	0	0	0	37,478	37,478	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Clariant Corp., Coventry, Kent	0	0	0	0	0	0	13,297	13,297	0
Tech. Inds. Inc., Woonsocket, Providence	0	0	0	0	0	0	654	654	0
Morgan AM&T (Carbon Tech. Inc.), Exeter, Washington	0	438	0	0	0	0	308	746	0
Raytheon Co. Submarine Signal Div., Portsmouth, Newport	0	0	0	0	0	0	306	306	0
General Cable Inds. L.L.C., Lincoln, Providence	1	0	0	0	0	0	7	8	0
American Insulated Wire Darlington, Pawtucket, Providence	0	0	0	0	0	0	1	1	0
Sprague Providence RI, Providence, Providence	0	1	0	0	0	0	1	2	0
Darlington Fabrics Corp. Canal St. Plant, Westerly, Washington	0	0	0	0	0	0	0	0	0
Leviton Mfg. Co. Inc., Warwick, Kent	0	0	0	0	0	0	0	0	0
Teknor Apex Co., Pawtucket, Providence	0	0	0	0	0	0	0	0	0

Note: Facilities ranked 8, 9 and 10 reported less than 1 pound of total production-related waste.

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.